

PATENT COOPERATION TREATY

PCT

NOTIFICATION OF ELECTION

(PCT Rule 61.2)

From the INTERNATIONAL BUREAU

To:

Commissioner
 US Department of Commerce
 United States Patent and Trademark
 Office, PCT
 2011 South Clark Place Room
 CP2/5C24
 Arlington, VA 22202
 ETATS-UNIS D'AMERIQUE
 in its capacity as elected Office

| | |
|---|---|
| Date of mailing (day/month/year) 10 May 2001 (10.05.01) | |
| International application No. PCT/KR00/00992 | Applicant's or agent's file reference han001 |
| International filing date (day/month/year) 01 September 2000 (01.09.00) | Priority date (day/month/year) 01 September 1999 (01.09.99) |
| Applicant HAN, Moon-Key | |

1. The designated Office is hereby notified of its election made:

☒ in the demand filed with the International Preliminary Examining Authority on:

26 March 2001 (26.03.01)

☐ in a notice effecting later election filed with the International Bureau on:
2. The election ☒ was
☐ was not

made before the expiration of 19 months from the priority date or, where Rule 32 applies, within the time limit under Rule 32.2(b).

| | |
|--|---|
| The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35 | Authorized officer Zakaria EL KHODARY Telephone No.: (41-22) 338.83.38 |
|--|---|

INTERNATIONAL COOPERATION TREATY

2000-12-22 Fri

PCT

From the INTERNATIONAL BUREAU

NOTIFICATION OF THE RECORDING OF A CHANGE

(PCT Rule 92bis.1 and
Administrative Instructions, Section 422)

To:

HAN, Moon-Key
Sinan Apt. 103-709
384 Muk 1-dong
Jungrang-gu
Seoul 131-141
RÉPUBLIQUE DE CORÉE

| | |
|---|--|
| Date of mailing (day/month/year) 05 December 2000 (05.12.00) | <p>IMPORTANT NOTIFICATION</p> |
| Applicant's or agent's file reference han001 | |
| International application No. PCT/KR00/00992 | International filing date (day/month/year) 01 September 2000 (01.09.00) |

1. The following indications appeared on record concerning:

☒ the applicant ☒ the inventor ☐ the agent ☐ the common representative

| | | |
|--|----------------------|--------------------|
| Name and Address HAN, Moon-Key Samseong Apt. 101-1908 528 Cheonho-dong Gangdong-gu Seoul 134-020 Republic of Korea | State of Nationality | State of Residence |
| | Telephone No. | |
| | Facsimile No. | |
| | Teleprinter No. | |

2. The International Bureau hereby notifies the applicant that the following change has been recorded concerning:

☐ the person ☐ the name ☒ the address ☐ the nationality ☐ the residence

| | | |
|--|----------------------|--------------------|
| Name and Address HAN, Moon-Key Sinan Apt. 103-709 384 Muk 1-dong Jungrang-gu Seoul 131-141 Republic of Korea | State of Nationality | State of Residence |
| | Telephone No. | |
| | Facsimile No. | |
| | Teleprinter No. | |

3. Further observations, if necessary:

4. A copy of this notification has been sent to:

☒ the receiving Office ☐ the designated Offices concerned
☒ the International Searching Authority ☐ the elected Offices concerned
☐ the International Preliminary Examining Authority ☐ other:

| | |
|---|---|
| The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland Facsimile No.: (41-22) 740.14.35 | Authorized officer Anman QIU <i>in</i> Telephone No.: (41-22) 338.83.38 |
|---|---|

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| | | |
|--|---|--|
| Applicant's or agent's file reference han001 | FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below. | |
| International application No. PCT/KR00/00992 | International filing date (<i>day/month/year</i>) 01 SEPTEMBER 2000 (01.09.2000) | (Earliest) Priority Date (<i>day/month/year</i>) 01 SEPTEMBER 1999 (01.09.1999) |
| Applicant HAN, Moon-Key | | |

This International search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 2 sheets.

☐ It is also accompanied by a copy of each prior art document cited in this report.

1. **Basis of the report**

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
- ☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:
- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

2. ☐ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (See Box II).

4. With regard to the **title**,

- ☒ the text is approved as submitted by the applicant.
- ☐ the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- ☒ the text is approved as submitted by the applicant.
- ☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawing** to be published with the abstract is Figure No. 1

- ☐ as suggested by the applicant.
- ☒ because the applicant failed to suggest a figure.
- ☐ because this figure better characterizes the invention.
- ☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR00/00992

A. CLASSIFICATION OF SUBJECT MATTER

IPC7 A47K 5/18

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC6 A47K 5/18

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

KR,JP : A47K 5/00, 5/18

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Y | KR 83-3632 U (PARK, JUNG HYUN) 26..DEC. 1983 | 1,2 |
| Y | KR 92-11138 U (PARK, BYUNG KI) 24.JUL. 1992 | 1,2 |
| A | KR 85-9392 U (KIM, JONG SUK) 2.DEC. 1985 | 1 |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

* Special categories of cited documents:

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

29 DECEMBER 2000 (29.12.2000)

Date of mailing of the international search report

30 DECEMBER 2000 (30.12.2000)

Name and mailing address of the ISA/KR

Korean Industrial Property Office
Government Complex-Taejon, Dunsan-dong, So-ku, Taejon
Metropolitan City 302-701, Republic of Korea

Authorized officer

HWANG, Sung Ho



Facsimile No. 82-42-472-7112

Tel. 82-42-472-7112

PCT REQUEST

han001

Original (for SUBMISSION) - printed on 01.09.2000 02:59:35 PM

| | | |
|-------|--|---|
| 0 | For receiving Office use only | |
| 0-1 | International Application No. | |
| 0-2 | International Filing Date | |
| 0-3 | Name of receiving Office and "PCT International Application" | |
| 0-4 | Form - PCT/RO/101 PCT Request | |
| 0-4-1 | Prepared using | PCT-EASY Version 2.91 (updated 01.07.2000) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | Korean Industrial Property Office (RO/KR) |
| 0-7 | Applicant's or agent's file reference | han001 |
| I | Title of invention | TOOTHBRUSH, TOOTHPASTE TUBE, SOLID SOAP KEEPING SET |
| II | Applicant | |
| II-1 | This person is: | applicant and inventor |
| II-2 | Applicant for | all designated States |
| II-4 | Name (LAST, First) | HAN, Moon-Key |
| II-5 | Address: | Samseong Apt. 101-1908 528 Cheonho-dong, Gangdong-gu 134-020 Seoul Republic of Korea |
| II-6 | State of nationality | KR |
| II-7 | State of residence | KR |
| II-8 | Telephone No. | 082-2-543-3300 |
| II-9 | Facsimile No. | 082-2-543-1100 |

PCT REQUEST

han001

Original (for SUBMISSION) - printed on 01.09.2000 02:59:35 PM

| | | |
|--------------|---|--|
| V | Designation of States | |
| V-1 | Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | <p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE CH&LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p> |
| V-2 | National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | <p>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW</p> |
| V-5 | Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. | |
| V-6 | Exclusion(s) from precautionary designations | NONE |
| VI-1 | Priority claim of earlier national application | |
| VI-1-1 | Filing date | 01 September 1999 (01.09.1999) |
| VI-1-2 | Number | UM1999-0018488(OP) |
| VI-1-3 | Country | KR |
| VII-1 | International Searching Authority Chosen | Korean Industrial Property Office (KIPO) (ISA/KR) |

PCT REQUEST

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| | | | |
|-------------|--|-----------------------------------|------------------------------------|
| VIII | Check list | number of sheets | electronic file(s) attached |
| VIII-1 | Request | 3 | - |
| VIII-2 | Description | 2 | - |
| VIII-3 | Claims | 1 | - |
| VIII-4 | Abstract | 1 | han001.txt |
| VIII-5 | Drawings | 3 | - |
| VIII-7 | TOTAL | 10 | |
| | Accompanying items | paper document(s) attached | electronic file(s) attached |
| VIII-8 | Fee calculation sheet | ✓ | - |
| VIII-12 | Priority document(s) | Item(s) VI-1 | - |
| VIII-16 | PCT-EASY diskette | - | diskette |
| VIII-18 | Figure of the drawings which should accompany the abstract | 1 | |
| VIII-19 | Language of filing of the international application | Korean | |
| IX-1 | Signature of applicant or agent | | |
| IX-1-1 | Name (LAST, First) | HAN, Moon-Key | |

FOR RECEIVING OFFICE USE ONLY

| | | |
|--------|---|--------|
| 10-1 | Date of actual receipt of the purported international application | |
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/KR |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

FOR INTERNATIONAL BUREAU USE ONLY

| | | |
|------|--|--|
| 11-1 | Date of receipt of the record copy by the International Bureau | |
|------|--|--|

PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

| | | | |
|--------------|---|---|---------------------|
| 0 | For receiving Office use only | | |
| 0-1 | International Application No. | | |
| 0-2 | Date stamp of the receiving Office | | |
| 0-4 | Form - PCT/RO/101 (Annex) | | |
| 0-4-1 | PCT Fee Calculation Sheet Prepared using | PCT-EASY Version 2.91 (updated 01.07.2000) | |
| 0-9 | Applicant's or agent's file reference | han001 | |
| 2 | Applicant | HAN, Moon-Key | |
| 12 | Calculation of prescribed fees | fee amount/multiplier | total amounts (KRW) |
| 12-1 | Transmittal fee T | ⇒ | 45,000 |
| 12-2 | Search fee S | ⇒ | 150,000 |
| 12-3 | International fee | | |
| | Basic fee (first 30 sheets) b1 | 435,600 | |
| 12-4 | Remaining sheets | 0 | |
| 12-5 | Additional amount (X) | 10,100 | |
| 12-6 | Total additional amount b2 | 0 | |
| 12-7 | b1 + b2 = B | 435,600 | |
| 12-8 | Designation fees | | |
| | Number of designations contained in international application | 87 | |
| 12-9 | Number of designation fees payable (maximum 8) | 8 | |
| 12-10 | Amount of designation fee (X) | 93,800 | |
| 12-11 | Total designation fees D | 750,400 | |
| 12-12 | PCT-EASY fee reduction R | -134,000 | |
| 12-13 | Total International fee (B+D-R) I | ⇒ | 1,052,000 |
| 12-17 | TOTAL FEES PAYABLE (T+S+I+P) | ⇒ | 1,247,000 |
| 12-19 | Mode of payment | cash | |

VALIDATION LOG AND REMARKS

| | | |
|---------------|-----------------------------|--|
| 13-2-1 | Validation messages Request | Green? A translation of the international application into English will have to be prepared under the responsibility of the ISA selected. |
| | | Green? Please note that the entire request (including the title of invention) must be in English |

PCT (ANNEX - FEE CALCULATION SHEET)

han001

Original (for SUBMISSION) - printed on 01.09.2000 02:59:35 PM

| | | |
|---------|--|---|
| 13-2-10 | Validation messages For receiving Office/International Bureau use only | Green? Verify electronic data for consistency against printed form. |
|---------|--|---|

국제공개용번역문제출서

| | | | | | | |
|--------|----|--|--------|----------------|-----|------------|
| 국제출원번호 | | PCT/KR00/00992 | 국제출원일 | 01/09/2000 | 우선일 | 01/09/1999 |
| 출원인 | 성명 | HAN, Moon-Key | 주민등록번호 | 361207-1018913 | 국적 | KR |
| | 주소 | Samseong Apt. 101-1908, 528 Cheonho-dong, Gangdong-gu, Seoul 134-020, Republic of Korea | | | | |

특허법시행규칙 제96조제2항의 규정에 의하여 위와 같이 제출합니다.

2000 년 12 월 21 일

출원인 한 문 기 (인)

특 허 청 장 귀 하

※ 첨부서류

1. 영어번역문 2통

1077
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Original (for SUBMISSION) - printed on 01.09.2000 09:52:15 AM

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| | | |
|------|---|---|
| 0 | For receiving Office use only | |
| 0-1 | International Application No. | PCT/KR 00/00992 |
| 0-2 | International Filing Date | 01 September 2000 (01.09.00) |
| 0-3 | Name of receiving Office and "PCT International Application" | Korean Industrial Property Office PCT International Application |
| 0-4 | Form - PCT/RO/101 PCT Request Prepared using | PCT-EASY Version 2.91 (updated 01.07.2000) |
| 0-5 | Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty | |
| 0-6 | Receiving Office (specified by the applicant) | Korean Industrial Property Office (RO/KR) |
| 0-7 | Applicant's or agent's file reference | han001 |
| I | Title of invention | TOOTHBRUSH, TOOTHPASTE TUBE, SOLID SOAP KEEPING SET |
| II | Applicant | |
| II-1 | This person is: | applicant and inventor |
| II-2 | Applicant for | all designated States |
| II-4 | Name (LAST, First) | HAN, Moon-Key |
| II-5 | Address: | Samseong Apt. 101-1908 528 Cheonho-dong, Gangdong-gu 134-020 Seoul Republic of Korea |
| II-6 | State of nationality | KR |
| II-7 | State of residence | KR |
| II-8 | Telephone No. | 082-2-543-3300 |
| II-9 | Facsimile No. | 082-2-543-1100 |

change see # 05

PCT REQUEST

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| | | |
|--------------|---|--|
| V | Designation of States | |
| V-1 | Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | <p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE CH&LI CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p> |
| V-2 | National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned) | <p>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW</p> |
| V-5 | Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit. | |
| V-6 | Exclusion(s) from precautionary designations | NONE |
| VI-1 | Priority claim of earlier national application | |
| VI-1-1 | Filing date | 01 September 1999 (01.09.1999) |
| VI-1-2 | Number | 1999-0018488 (UM) |
| VI-1-3 | Country | KR |
| VII-1 | International Searching Authority Chosen | Korean Industrial Property Office (KIPO) (ISA/KR) |

3/3

PCT REQUEST

han001

Original (for SUBMISSION) - printed on 01.09.2000 09:52:15 AM

| VIII | Check list | number of sheets | electronic file(s) attached |
|---------|--|-----------------------------------|------------------------------------|
| VIII-1 | Request | 3 | - |
| VIII-2 | Description | 2 | - |
| VIII-3 | Claims | 1 | - |
| VIII-4 | Abstract | 1 | han001.txt |
| VIII-5 | Drawings | 3 | - |
| VIII-7 | TOTAL | 10 | |
| | Accompanying items | paper document(s) attached | electronic file(s) attached |
| VIII-8 | Fee calculation sheet | ✓ | - |
| VIII-12 | Priority document(s) | Item(s) VI-1 | - |
| VIII-16 | PCT-EASY diskette | - | diskette |
| VIII-18 | Figure of the drawings which should accompany the abstract | 1 | |
| VIII-19 | Language of filing of the international application | Korean | |
| IX-1 | Signature of applicant or agent | | |
| IX-1-1 | Name (LAST, First) | HAN, Moon-Key | |

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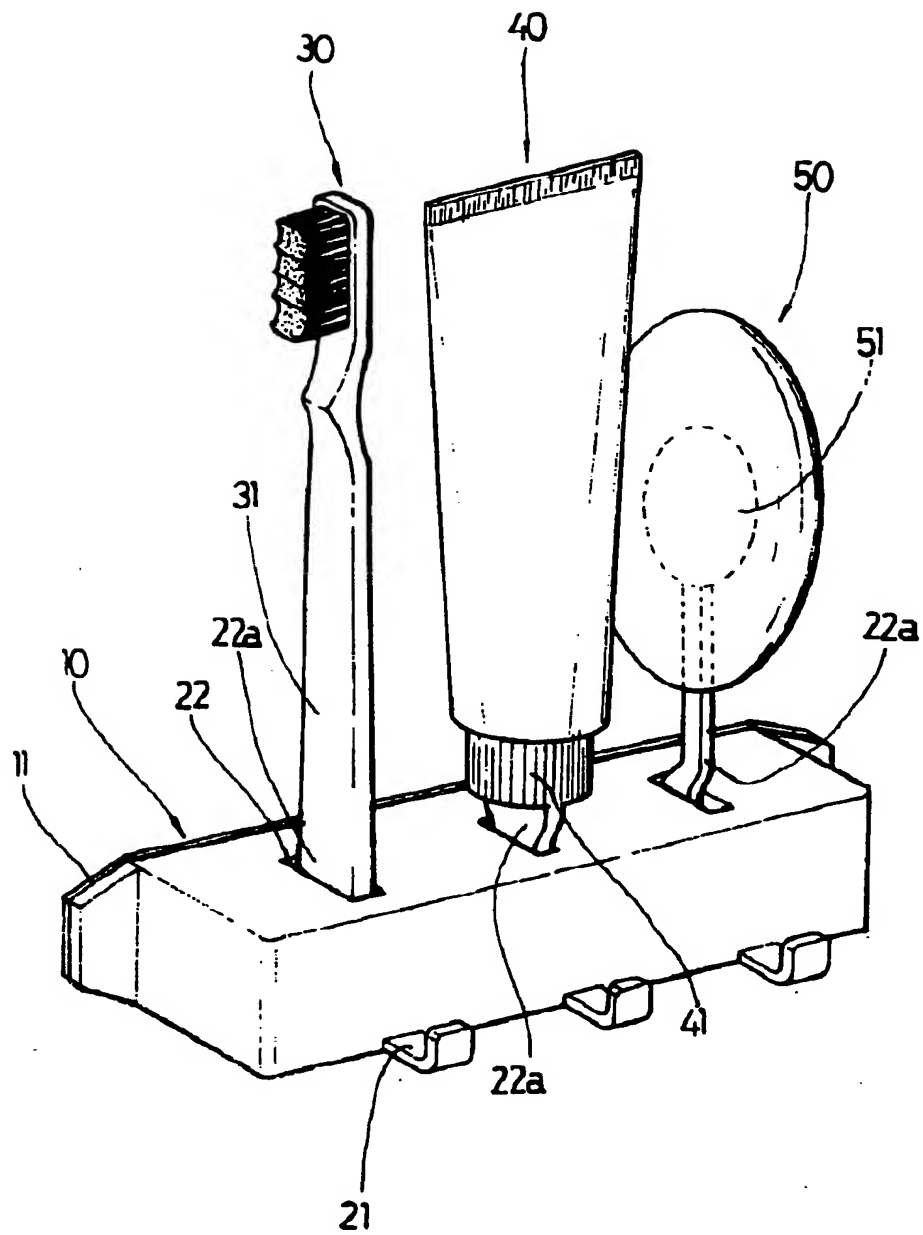
| | | |
|--------|---|------------------------------|
| 10-1 | Date of actual receipt of the purported international application | 01 September 2000 (01.09.00) |
| 10-2 | Drawings: | |
| 10-2-1 | Received | |
| 10-2-2 | Not received | |
| 10-3 | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application | |
| 10-4 | Date of timely receipt of the required corrections under PCT Article 11(2) | |
| 10-5 | International Searching Authority | ISA/KR |
| 10-6 | Transmittal of search copy delayed until search fee is paid | |

FOR INTERNATIONAL BUREAU USE ONLY

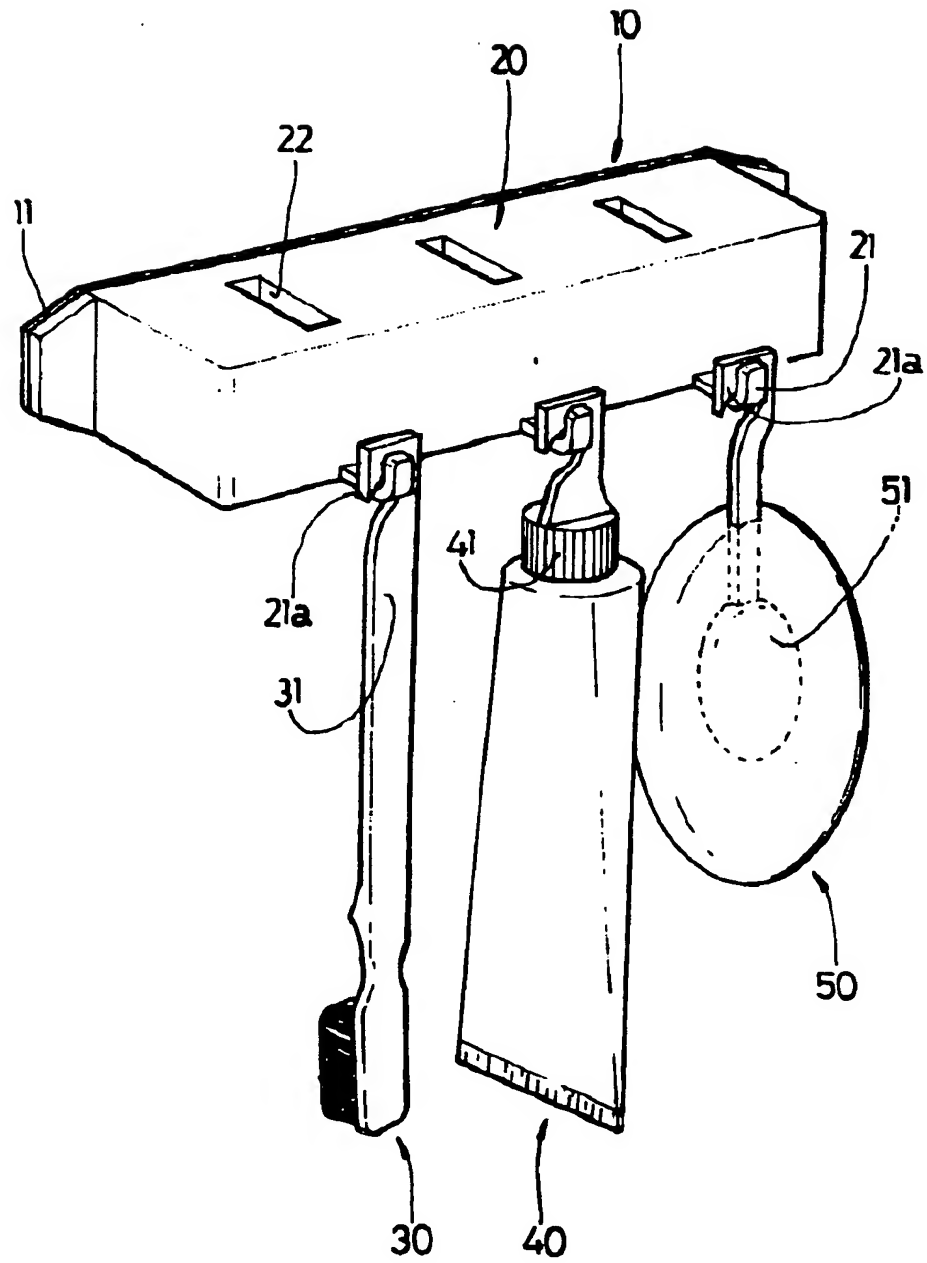
| | | | |
|------|--|-------------------|----------------|
| 11-1 | Date of receipt of the record copy by the International Bureau | 26 SEPTEMBER 2000 | (26. 09. 00) |
|------|--|-------------------|----------------|

【도면】

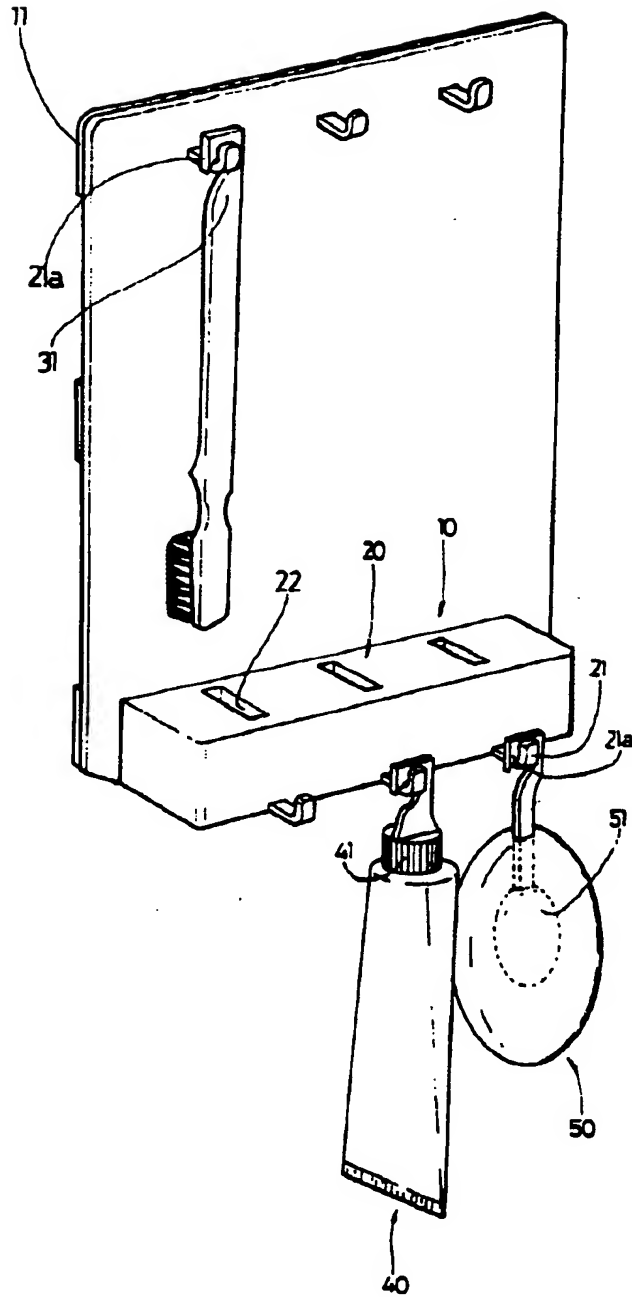
【도 1】



【図 2】



【도 3】



【명세서】**【발명의 명칭】**

칫솔, 치약튜브, 비누의 걸이-꽃이 보관 세트

【기술분야】

본 발명은 욕실에서 사용되는 칫솔·치약튜브·비누(이하 욕실용품이라 함)를 하나의 비치대에 구비하여 사용하게 하는 욕실용품 걸이-꽃이 보관세트에 관한 것이다.

【배경기술】

일반적으로 욕실용품은 세면대위에 올려놓고 사용하거나 용기에 수납한 상태로 사용하며, 세면대위에 올려놓는 경우에는 자리를 많이 차지하며, 용기에 꽂아 수납하는 경우에는 찾아 쓰는데 불편한 점이 있다.

【발명의 상세한 설명】

본 발명은 욕실용품의 보관 관리를 위하여 하나의 비치대에 꽂거나 걸 수 있는 비치수단을 구비한 칫솔·치약튜브·비누의 걸이-꽃이 보관세트인 것이다.

【도면의 설명】

도 1은 본 발명의 예시사시도.

도 2는 본 발명의 다른 예시사시도.

도 3은 본 발명의 또 다른 예시사시도.

【실시예】

본 발명을 첨부 도면으로 설명하면, 도 1과 도2는 윗면과 전면에 걸이부(21)와 꽃이홈(22)이 다수 구비된 비치대(10)와, 걸이부(21)에 걸어두는 고리부(21a)와 꽃이홈(22)에 꽃는 삽지축(22a)이 함께 구비된 칫솔(30), 치약튜브(40), 비누(50)로 구성된 된 것이며, 칫솔(30)에는 손잡이(31) 하단부에 고리부(21a)와 삽지축(22a)이 형성되며, 치약튜브(40)에는 뚜껑(41) 상부에 고리부(21a)와 삽지축(22a)을 형성하며, 비누(50)는 그 내부에 매설되는 지지체(51)의 일측을 외부로 돌출시켜 돌출부 일단에 고리부(21a)와 삽지축(22)을 형성한 것이며, 도 3은 비치대(10)의 후면을 상부로 연장 돌출하여 그 전면에 다수의 걸이부(21)를 구비하게 한 것이다.

【산업상이용가능성】

본 발명은 하나의 비치대(10)에 걸이부(21)와 꽃이홈(22)을 다수 구비하여 칫솔(30), 치약튜브(40), 비누(50)에 구비된 고리부(21a)와 삽지축(22a)을 꽃거나 걸어 비치할 수 있게하여 칫솔·치약튜브·비누를 선택 사용하게 한 것이다.

【청구의 범위】**【청구항 1】**

위면과 전면에 결이부(21)와 꽃이홈(22)이 다수 구비된 비치대(10)와, 결이부(21)와 꽃이홈(22)에 걸거나 꽃히는 고리부(21a)와 삽지축(22a)이 구비된 칫솔(30), 치약튜브(40), 비누(50)로 구성됨을 특징으로 하는 칫솔, 치약튜브, 비누의 결이-꽃이 보관세트.

【청구항 2】

제 1 항에 있어서;


비치대(10)의 후면을 상부로 연장 돌출하여 그 전면에 다수의 결이부(21)를 구비한 것을 특징으로 하는 칫솔, 치약튜브, 비누의 결이-꽃이 보관세트.

PATENT COOPERATION TREATY PCT

INTERNATIONAL PRELIMINARY EXAMINATION REPORT (PCT Article 36 and Rule 70)

| | | |
|---|--|---|
| Applicant's or agent's file reference han001 | FOR FURTHER ACTION | See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416) |
| International application No. PCT/KR00/00992 | International filing date (day/month/year) 01 SEPTEMBER 2000 (01.09.2000) | Priority date (day/month/year) 01 SEPTEMBER 1999 (01.09.1999) |
| International Patent Classification (IPC) or national classification and IPC IPC7 A47K 5/18 | | |
| Applicant HAN, Moon-Key | | |

| | |
|----|---|
| 1. | This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36. |
| 2. | <p>This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.</p> <p><input type="checkbox"/> This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).</p> <p>These annexes consist of a total of _____ sheets.</p> |
| 3. | <p>This report contains indications relating to the following items:</p> <ul style="list-style-type: none"> I <input checked="" type="checkbox"/> Basis of the report II <input type="checkbox"/> Priority III <input type="checkbox"/> Non-establishment of opinion with regard to novelty, inventive step and industrial applicability IV <input type="checkbox"/> Lack of unity of invention V <input checked="" type="checkbox"/> Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement VI <input type="checkbox"/> Certain documents cited VII <input type="checkbox"/> Certain defects in the international application VIII <input type="checkbox"/> Certain observations on the international application |

| | |
|--|---|
| Date of submission of the demand 26 MARCH 2001 (26.03.2001) | Date of completion of this report 24 JANUARY 2002 (24.01.2002) |
| Name and mailing address of the IPEA/KR Korean Intellectual Property Office Government Complex-Daejeon, 920 Dunsan-dong, Seo-gu, Daejeon Metropolitan City 302-701, Republic of Korea Facsimile No. 82-42-472-7140 | Authorized officer KIM, Sun Choon Telephone No. 82-42-481-5964  |

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/KR00/00992

I. Basis of the report

1. With regard to the elements of the international application:*

- ☒ the international application as originally filed
- ☐ the description:
 pages _____, as originally filed
 pages _____, filed with the demand
 pages _____, filed with the letter of _____
- ☐ the claims:
 pages _____, as originally filed
 pages _____, as amended (together with any statement) under Article 19
 pages _____, filed with the demand
 pages _____, filed with the letter of _____
- ☐ the drawings:
 pages _____, as originally filed
 pages _____, filed with the demand
 pages _____, filed with the letter of _____
- ☐ the sequence listing part of the description:
 pages _____, as originally filed
 pages _____, filed with the demand
 pages _____, filed with the letter of _____

2. With regard to the language, all the elements marked above were available or furnished to this Authority in the language in which the international application was filed, unless otherwise indicated under this item.

These elements were available or furnished to this Authority in the following language _____ which is

- ☐ the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
- ☐ the language of publication of the international application (under Rule 48.3(b)).
- ☐ the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).

3. With regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international preliminary examination was carried out on the basis of the sequence listing:

- ☐ contained in the international application in written form.
- ☐ filed together with the international application in computer readable form.
- ☐ furnished subsequently to this Authority in written form.
- ☐ furnished subsequently to this Authority in computer readable form.
- ☐ The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
- ☐ The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.

4. ☐ The amendments have resulted in the cancellation of:

- ☐ the description, pages _____
- ☐ the claims, Nos. _____
- ☐ the drawings, sheet _____

5. ☐ This opinion has been drawn as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**

* Replacement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to in this opinion as "originally filed." and are not annexed to this report since they do not contain amendments (Rules 70.16 and 70.17).

** Any replacement sheet containing such amendments must be referred to under item I and annexed to this report.

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

International application No.

PCT/KR00/00992

V. Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

| | | | |
|-------------------------------|--------|-------|-----|
| Novelty (N) | Claims | 1 - 2 | YES |
| | Claims | None | NO |
| Inventive step (IS) | Claims | 1 - 2 | YES |
| | Claims | None | NO |
| Industrial applicability (IA) | Claims | 1 - 2 | YES |
| | Claims | None | NO |

2. Citations and explanations (Rule 70.7)

The present invention relates to a toothbrush, toothpaste tube and solid soap keeping set; and more particularly, to a toothbrush, toothpaste tube and solid soap keeping set provided as one equipment die with a toothbrush, a toothpaste tube and solid soap used in a bathroom.

Claims 1-2 meet the criteria set out in PCT Article 33(2)-(3), because the prior art does not teach or fairly suggest the subject-matter of this invention. Industrial applicability within the meaning of PCT Article 33(4) is clearly given.

TOOTHBRUSH, TOOTHPASTE TUBE, SOLID SOAP KEEPING SET

ABSTRACT OF THE DISCLOSURE

The toothbrush, toothpaste tube and solid soap keeping set in which a toothbrush, a toothpaste tube and solid soap used in a bathroom are installed on one equipment die, is constructed by combining an equipment die having a plurality of hanger parts formed on a front face thereof and a plurality of stick-in flutes formed on the top thereof, a toothbrush, a toothpaste tube and solid soap, wherein the toothbrush, the toothpaste tube and the solid soap respectively have a ring part hanging on the hanger part and an insertion shaft inserted into the stick-in flute, thus, the keeping set can be conveniently used by hanging it on wall or setting it on a flat part of the bathroom.

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(71) Applicant and

(72) Inventor: HAN, Moon-Key [KR/KR]; Sinan Apt. 103-709, 384 Muk 1-dong, Jungrang-gu, Seoul 131-141 (KR).

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ,

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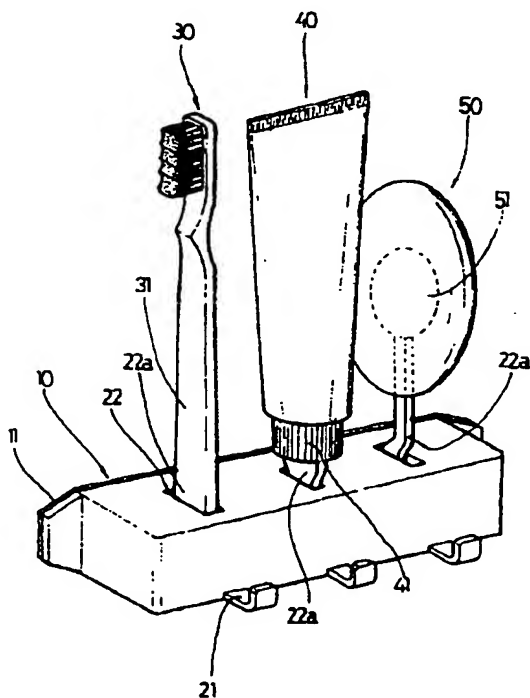
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Published:

- With international search report.
- Before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments.

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: TOOTHBRUSH, TOOTHPASTE TUBE AND SOLID SOAP KEEPING SET



(57) Abstract: The toothbrush, toothpaste tube and solid soap keeping set in which a toothbrush, a toothpaste tube and solid soap used in a bathroom are installed on one equipment die, is constructed by combining an equipment die having a plurality of hanger parts formed on a front face thereof and a plurality of stick-in flutes formed on the top thereof, a toothbrush, a toothpaste tube and solid soap, wherein the toothbrush, the toothpaste tube and the solid soap respectively have a ring part hanging on the hanger part and an insertion shaft inserted into the stick-in flute, thus, the keeping set can be conveniently used by hanging it on wall or setting it on a flat part of the bathroom.

2003220" T9/6900T

WO 01/15586 A1

TITLE

TOOTHBRUSH, TOOTHPASTE TUBE AND SOLID SOAP KEEPING SET

TECHNICAL FIELD

5 The present invention relates to a toothbrush, toothpaste tube and solid soap keeping set; and more particularly, to a toothbrush, toothpaste tube and solid soap keeping set provided as one equipment die with a toothbrush, a toothpaste tube and solid soap (hereinafter, referred to as "bathroom goods") used in a bathroom.

10

BACKGROUND ART

15 In general, bathroom goods are used in such a state that the goods are individually on a washstand or are accepted into a receptacle. There is an inconvenience of occupying a relatively large area in a case of putting the bathroom goods on the washstand or an inconvenience of searching for the goods in a case of using them stuck into the receptacle.

DISCLOSURE OF THE INVENTION

20 Accordingly, the present invention is directed to a toothbrush, toothpaste tube and solid soap keeping set that substantially obviate one or more of the limitations and disadvantages of the related art.

 A primary object of the present invention is to provide a toothbrush, toothpaste tube and solid soap keeping set having an equipping unit in which bathroom goods can be stuck into or hooked to one equipment die in order

to keep in custody and manage the bathroom goods.

BRIEF DESCRIPTION OF THE DRAWINGS

The above and other objects and features of the instant invention
5 will become apparent from the following description of preferred
embodiments taken in conjunction with the accompanying drawings, in which:

Fig. 1 represents an exemplified perspective view in accordance with
the present invention;

Fig. 2 illustrates an exemplified perspective view for another use state
10 of the present invention; and

Fig. 3 depicts an exemplified perspective view for another embodiment
of the present invention.

BEST MODE FOR CARRYING OUT THE INVENTION

15 Reference will now be made in detail to the preferred embodiments
of the present invention, examples of which are illustrated in the
accompanying drawing.

In accordance with the present invention, as shown in Figs. 1 and
2, a toothbrush, toothpaste tube and solid soap keeping set is constructed
20 by an equipment die 10 having a plurality of hanger parts 21 and stick-in
flutes 22 formed on an upper face and a front face thereof, and by a
toothbrush 30, a toothpaste tube 40 and solid soap 50, wherein the
toothbrush 30, the toothpaste tube 40 and the solid soap 50 respectively
have a ring part 21a hung on the hanger part 21 and an insertion shaft 22a

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inserted into the stick-in flute 22. T toothbrush 30 is provided with the ring part 21a and the insertion shaft 22a which are formed in a lower part of a handle 31, and the toothpaste tube 40 has the ring part 21a and the insertion shaft 22a formed on a top of a cover 41, and also, the solid soap 50 has a formation of the ring part 21a and the insertion shaft 22a provided from one end of a projection part which is gotten by projecting outside one side of a support body 51 burying-installed in the inside of the soap. In Fig. 3, a back face of the equipment die 10 is extended and projected upwards, and on its front face, a plurality number of hanger parts are formed.

INDUSTRIAL APPLICABILITY

As afore-mentioned, in accordance with the present invention, one equipment die 10 is equipped with the plurality of the hanger parts 21 and the stick-in flutes 22, that is, the ring parts 21a and the insertion shafts 22a provided with the toothbrush 30, the toothpaste tube 40 and the solid soap 50 are selectively stuck thereinto or hung thereon, accordingly there is a convenience of selectively using the toothbrush, the toothpaste tube and the solid soap.

Although the invention has been shown and described with respect to the preferred embodiments, it will be understood by those skilled in the art that various changes and modifications may be made without departing from the spirit and scope of the invention as defined in the following claims.

WHAT IS CLAIMED IS :

1. A toothbrush, toothpaste tube and solid soap keeping set, characterized in that an equipment die having a plurality of hanger parts
5 and stick-in flutes formed on an upper face thereof and a front face thereof is combined with a toothbrush, a toothpaste tube and solid soap individually equipped with a ring part hung on the hanger part and an insertion shaft inserted into the stick-in flute.

2. The keeping set of claim 1, wherein said equipment die is provided
10 with a plural number of hanger parts which are formed on a front face part of a face gained by extending upwards and projecting a rear face of the equipment die.

Fig 1

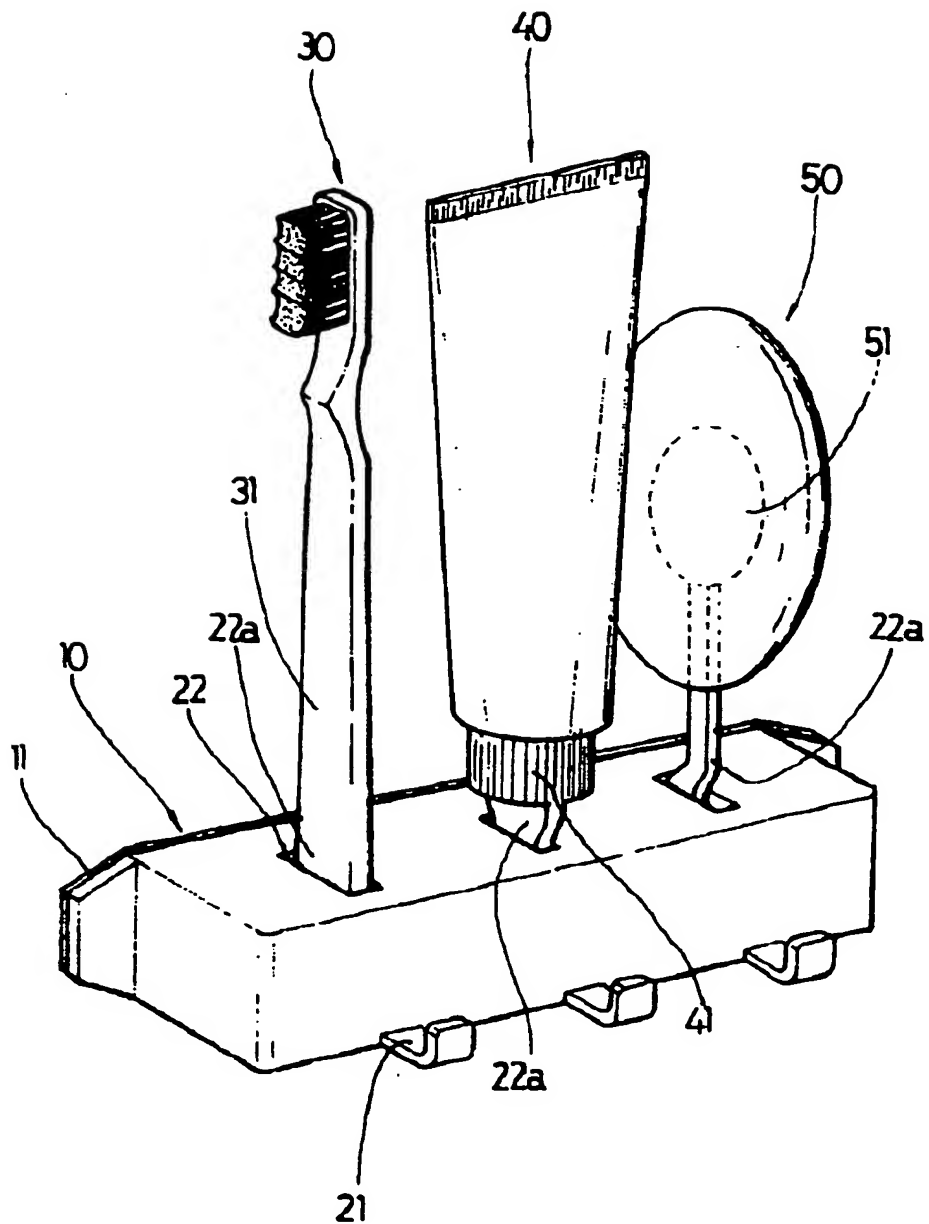


Fig 2

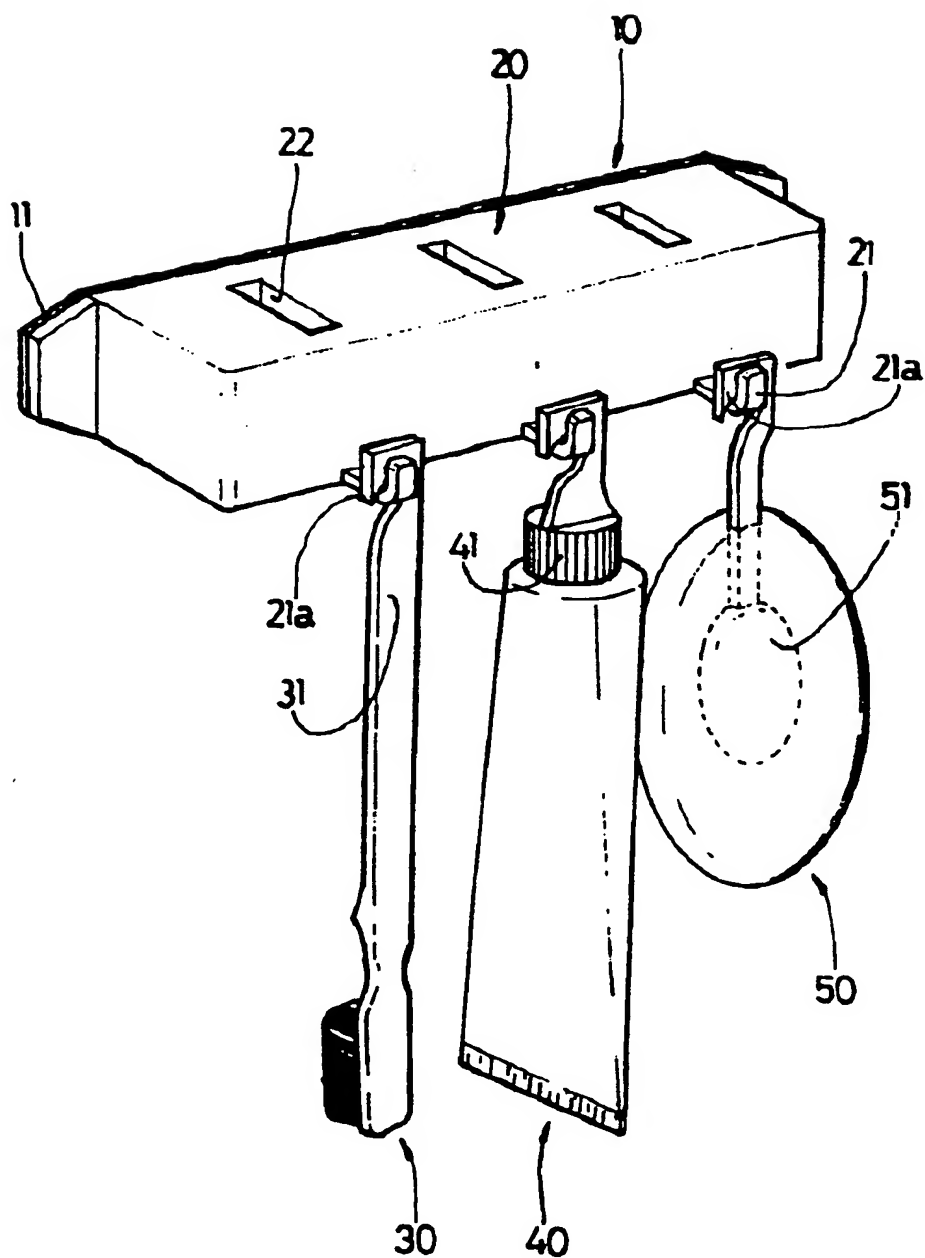


Fig 3

